

Message

From: Menzel, Jeff [jeff.menzel@ncdenr.gov]
Sent: 8/4/2021 5:25:36 PM
To: Garcia, Javier [Garcia.Javier@epa.gov]; brent.burch [brent.burch@ncdenr.gov]; Morris, Sean [sean.morris@ncdenr.gov]
CC: Johnston, John E. [Johnston.John@epa.gov]
Subject: RE: [External] American Zinc Products West Side Ponds TCLP Exceedances.docx

Not sure if this helps, Taken from page 59 of ISR.

t Tag	Quantity	Equipment Description	Plant Area	(gallons)	Content description	Containment
FE-207	1	1st Stripping Stage Settler	200	114,519	Mixture of 50% plant organic (40% Di-2-ethyl hexyl phosphoric acid / 60% Exxon Escaid 110) and 50% loaded electrolyte	A
FE-208	1	2nd Stripping Stage Settler	200	185,517	Mixture of 50% plant organic (40% Di-2-ethyl hexyl phosphoric acid / 60% Exxon Escaid 110) and 50% spent electrolyte	A
FE-209	1	Depletion Stage Settler	200	114,519	Mixture of 50% plant organic (40% Di-2-ethyl hexyl phosphoric acid / 60% Exxon Escaid 110) and 50% depleted solution	A
FE-210	1	Loaded Electrolyte After Settler	200	203,311	Loaded Electrolyte	A
FE-211	1	Raffinate Pond	200	133,284	Zinc sulfate solution containing dissolved metals in sulfuric acid	n/a

Jeff Menzel
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From: Garcia, Javier [mailto:Garcia.Javier@epa.gov]
Sent: Wednesday, August 4, 2021 12:55 PM
To: Menzel, Jeff <jeff.menzel@ncdenr.gov>; Burch, Brent <brent.burch@ncdenr.gov>; Morris, Sean <sean.morris@ncdenr.gov>
Cc: Johnston, John <Johnston.John@epa.gov>
Subject: RE: [External] American Zinc Products West Side Ponds TCLP Exceedances.docx

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Jeff,

At this time, I am only identifying areas that have failed TCLP or exhibit the characteristic of corrosivity. It seems that we did not take pH measurements during the January 2017 sampling event. Are you aware of pH data for the ponds? Did the sediment removed during closure of the East Pond failed for cadmium or lead?

Thanks,

Javier E. García
RCRA Enforcement Section
Chemical Safety and Land Enforcement Branch
Enforcement and Compliance Assurance Division
US Environmental Protection Agency - Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW, 10th Floor
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From: Menzel, Jeff <jeff.menzel@ncdenr.gov>
Sent: Wednesday, August 4, 2021 11:44 AM
To: Garcia, Javier <Garcia.Javier@epa.gov>; brent.burch <brent.burch@ncdenr.gov>; Morris, Sean <sean.morris@ncdenr.gov>
Cc: Johnston, John E. <Johnston.John@epa.gov>
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Please see the updated map. I am looking through my records for the clean-out of the west storm water pond which occurred shortly after they went idle in 2016 to see if I have any analytical results for waste determination. A significant amount of solids were pressed and dewatered during that clean out. Not noted on the map are April/May 2015 depleted solution spill and 2016 cell house release. I don't think those failed TCLP.

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From: Garcia, Javier [<mailto:Garcia.Javier@epa.gov>]

Sent: Wednesday, August 4, 2021 10:17 AM

To: Burch, Brent <brent.burch@ncdenr.gov>; Morris, Sean <sean.morris@ncdenr.gov>; Menzel, Jeff <jeff.menzel@ncdenr.gov>

Cc: Johnston, John <johnston.john@epa.gov>

Subject: [External] American Zinc Products West Side Ponds TCLP Exceedances.docx

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Happy Wednesday,

Could you please review the map and add the spring location and any missing TCLP exceedances?